



Model 12

GENERATION	2025.04
Cell configuration	Yes
Central configuration	Yes
Vacuum channels / CCABs	1 to 12
Controls chill blocks	Yes
Controls mechanical valves	Yes
Controls hydraulic valves (With position sensor or with transducer sensor)	Yes
Tank capacity	1000 l to 6000 l
Vacuum pump performance	100 m³/h
	160 m³/h
	200 m³/h
	300 m³/h
	500 m³/h
HMI	Cell: Remote HMI (Standard)
Fan for main cabinet (MCAB)	Max. 42 °C
MONITORING (HMI-DISPLAY)	
Language (Standard)	EN (US) / EN (UK) / DE / FR / IT / SP / PT / SE / CZ / SK / PL / RO / HU / SL / HR / GR / TR / CN / KR / JP
Process overview display	Yes
Vacuum in the tank	Yes
Vacuum at die side	Per CCAB
Pollution control (Filter)	Per CCAB
Profile control (Chill-block)	Per CCAB
Evacuated air volume	Yes
Compressed air pressure	Yes
MONITORING (CURVE OVER TIME)	
Vacuum in the tank	Yes
Vacuum at die side	Per CCAB
Curve modes	Continuous curve Defined start-end time curve Frozen curve at defined time
RECORDED VALUES	
Storage medium	USB-Stick / OPC-UA
Production data	Yes
Vacuum on die side per cycle	Per CCAB
Pollution control per cycle	Per CCAB
Profile control per cycle	Per CCAB
Evacuated air volume per cycle	Yes
Vacuum active setting	Yes
Hydraulic valve closing setting	Yes
FEATURES	
Timer setting mode	Yes
Stroke setting mode	Yes
Automatic / Manual mode	Yes
Tolerance setting (Per CCAB)	Vacuum Pollution control Profile control Evacuated air volume
Vacuum control (regulation) (Per CCAB)	Yes
Vacuum for shot sleeve	Yes
Blowing function	Yes
Leak test	Per CCAB
Fault recording	Yes
Recipe management	Yes
Stand-by mode for energy saving	Yes

KEY COMPONENTS	
CPU	Siemens
HMI	Siemens 10"
Internal field bus technology	I/O-Link
Pump Type	Busch rotary vane vacuum pump
Frame material	Stainless steel
Tank material	Stainless steel
Protection class (MCAB)	IP54
Protection class (CCAB)	IP65
ENVIRONMENTAL CONDITIONS	
Temperature	5 – 42 °C
Relative air humidity	0 – 90 % (Not condensing)
Pressurized air	5 – 7 bar at 3500 l/min
DIMENSIONS [WIDTH X HIGHT X DEPTH] / WEIGHT	
Dimension MCAB	900 x 1000 x 300 mm
Weight MCAB	86 kg
Dimension CCAB	220 x 894 x 230 mm
Weight CCAB	22 kg
VOLTAGE / CERTIFICATION	
Voltage, max. power consumption (Standard)	3 x 400V ± 10 % / 50hz ± 1 %
Voltage, max. power consumption (Optional)	3 x 480V ± 10 % / 60hz ± 0,5 %
Certification	CE (Standard) / UL (Optional)
CONNECTORS / FITTINGS	
CCAB input vacuum	DN40
CCAB output vacuum	DN25
CCAB M pipe fitting	8L G1/4"
CCAB S pipe fitting	8S G1/4"
CCAB pressurized air	1/2"
OPTIONS	
Profinet interface to DCM	Optional
Profibus interface to DCM	Optional
Anybus	Optional
Advanced communication	Optional
Type of HMI Wein View	10" (Optional) 20" (Optional)
Analog curve display on DCM (Trace channel)	Optional
Indicator light tower deported	Optional
Remote assistance (EWON)	Optional
Compressed air regulator	Mobile = Standard / Cell = Optional
Air conditioner	Optional
Extension for power supply	From 25 m
Maintenance set	Optional